

Water Quality Characteristics by Water Quality Zone

September 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	138	138	54.4	72	205	4	39%
	2	118	117	5.5	109	126	9	5%
	3	116	104	48.9	60	207	11	42%
	4	93	90	14.3	76	122	7	15%
	5	110	110	8.8	92	121	13	8%
	6	113	111	9.5	103	131	10	8%
	7	107	106	7.7	92	120	10	7%
	8	166	155	37.2	142	259	9	22%
	9	90	90	15.4	74	124	8	17%
	10	72	72	4.7	68	77	4	7%
	System Wide	114	110	33.0	60	259	85	29%
TDS ppm	1	361	364	99.7	196	538	10	28%
	2	293	288	16.3	248	321	27	6%
	3	316	308	91.2	182	466	34	29%
	4	249	257	32.0	187	301	25	13%
	5	262	276	30.3	163	297	36	12%
	6	248	249	23.0	207	286	28	9%
	7	233	221	35.4	170	298	29	15%
	8	341	324	44.3	298	448	21	13%
	9	247	253	29.6	209	320	23	12%
	10	219	221	3.7	211	223	13	2%
	System Wide	273	261	61.2	163	538	246	22%
Sodium ppm	1	46	50	8.1	34	51	4	18%
	2	44	44	1.3	42	46	9	3%
	3	43	42	12.4	24	62	11	29%
	4	39	43	6.4	30	44	7	16%
	5	39	42	5.4	29	45	13	14%
	6	35	36	7.1	24	43	10	20%
	7	31	28	6.8	27	45	10	22%
	8	40	42	3.8	32	45	9	10%
	9	44	44	3.8	40	52	8	9%
	10	39	39	1.5	38	41	4	4%
	System Wide	40	42	7.8	24	62	85	20%

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<i>pH units</i>	1	7.6	7.6	0.26	7.1	8.1	10	3%
	2	7.9	7.9	0.13	7.6	8.1	27	2%
	3	7.8	7.9	0.19	7.4	8.1	34	2%
	4	7.8	7.8	0.18	7.4	8.1	25	2%
	5	7.7	7.7	0.21	7.3	8.1	36	3%
	6	7.7	7.8	0.28	6.9	8.1	28	4%
	7	7.8	7.8	0.16	7.5	8.0	29	2%
	8	7.6	7.6	0.11	7.3	7.8	21	2%
	9	7.9	7.9	0.23	7.4	8.2	23	3%
	10	7.7	7.9	0.19	7.5	7.9	13	2%
	System Wide	7.8	7.8	0.22	6.9	8.2	246	3%
<i>Chlorine ppm</i>	1	0.9	0.8	0.23	0.6	1.4	10	26%
	2	0.9	0.9	0.11	0.7	1.1	27	12%
	3	0.8	0.8	0.25	0.4	1.9	34	31%
	4	0.9	1.0	0.18	0.3	1.3	25	19%
	5	0.8	0.9	0.18	0.1	1.1	36	22%
	6	0.8	0.9	0.15	0.5	1.1	31	17%
	7	0.8	0.8	0.11	0.6	1.2	35	14%
	8	0.9	0.9	0.21	0.4	1.3	21	24%
	9	0.9	0.9	0.15	0.6	1.1	23	17%
	10	0.8	0.9	0.09	0.7	1.0	16	11%
	System Wide	0.9	0.9	0.17	0.1	1.9	258	20%
<i>Temperature deg C</i>	1	29.1	29.8	2.56	25.2	32.1	10	9%
	2	31.1	31.1	0.67	29.2	32.3	27	2%
	3	29.8	30.0	1.96	26.6	34.1	34	7%
	4	31.5	31.8	1.05	28.4	33.0	25	3%
	5	30.0	30.5	1.93	24.8	33.3	36	6%
	6	29.7	30.1	1.93	24.8	33.4	28	6%
	7	30.2	30.1	1.16	28.3	32.4	29	4%
	8	30.6	30.3	1.80	27.2	34.3	21	6%
	9	32.4	32.1	1.69	28.8	34.9	23	5%
	10	31.6	31.6	0.56	30.3	32.4	13	2%
	System Wide	30.6	30.9	1.82	24.8	34.9	246	6%